

 ExPASy Home page	Site Map	Search ExPASy	Contact us	ENZYME
Hosted by CBR Canada Mirror sites: China Korea Switzerland Taiwan USA				
Search <input type="text" value="Swiss-Prot/TrEMBL"/>		▼ for <input type="text"/>	<input type="button" value="Go"/>	<input type="button" value="Clear"/>

NiceZyme View of ENZYME: EC 5.4.99.16

Official Name	
Maltose alpha-D-glucosyltransferase.	
Alternative Name(s)	
Trehalose synthase. Maltose glucosylmutase.	
Reaction catalysed	
Maltose <=> alpha, alpha-trehalose	
Cross-references	
BRENDA	5.4.99.16
EMP/PUMA	5.4.99.16
WIT	5.4.99.16
KYOTO UNIVERSITY LIGAND CHEMICAL DATABASE	5.4.99.16
IUBMB Enzyme Nomenclature	5.4.99.16
MEDLINE	Find literature relating to 5.4.99.16
Swiss-Prot	P72235 , TRES_PIMSR; O06458 , TRES_THETH;

[View entry in original ENZYME format](#)

If you would like to retrieve all the Swiss-Prot entries referenced in this entry, click [here](#).

 ExPASy Home page	Site Map	Search ExPASy	Contact us	ENZYME
Hosted by CBR Canada Mirror sites: China Korea Switzerland Taiwan USA				

[ExPASy Home page](#)[Site Map](#)[Search ExPASy](#)[Contact us](#)[ENZYME](#)

Search

Swiss-Prot/TrEMBL



for

Go

Clear

Search in ENZYME for: trehalose synthase

Release 30, March 2003, and updates up to 06-Mar-2003

Please choose one of the following entries:

- 2.4.1.15 Alpha, alpha-trehalose-phosphate synthase (UDP-forming).
(AN: UDP-glucose-glucosephosphate glucosyltransferase.
Trehalosephosphate-UDP glucosyltransferase.
Trehalose-6-phosphate synthase.
Trehalose-6-phosphate synthetase.
Trehalose-phosphate synthase.
Trehalose-phosphate synthetase.
Transglucosylase.
Trehalosephosphate-UDP glucosyl transferase.)
- 2.4.1.36 Alpha, alpha-trehalose-phosphate synthase (GDP-forming).
(AN: GDP-glucose-glucosephosphate glucosyltransferase.
Trehalose phosphate synthase (GDP-forming).)
- 5.4.99.15 (1,4)-alpha-D-glucan 1-alpha-D-glucosylmutase.
(AN: Malto-oligosyltrehalose synthase.
Maltodextrin alpha-D-glucosyltransferase.)
- 5.4.99.16 Maltose alpha-D-glucosyltransferase.
(AN: Trehalose synthase.
Maltose glucosylmutase.)

[ExPASy Home page](#)[Site Map](#)[Search ExPASy](#)[Contact us](#)[ENZYME](#)